

## ABSTRACT

A document-to-printer color gamut matching system enables comparison of at least two color maps in a manner that allows selection of the printer that will result in the best print output. Information related to the document to be printed and information describing the color gamut(s) that each available printer is capable of printing is compared. Each color gamut is evaluated to determine suitability for use with the document. The document-to-printer gamut matching system may provide the author of the document with a number of candidate printers best matched to the printing of the document depending on the rendering intent of the author; may select a printer based on a measurement of best fit; or may generate a custom color map to result in a color gamut that is satisfactory.